S/N: 10/564,489

Reply to Office Action of December 13, 2007

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

1. (Currently Amended) A fluidising mat comprising an upper, gas-permeable

sheet and a lower gas impermeable sheet, the upper and lower sheets being maintained in spaced

apart superimposed relationship by a plurality of spaced-apart load bearing means[[,]] which

define a plurality of passageways that extend in different directions over substantially the full

area of the fluidising mat and intersect with each other to form a single continuous chamber

between the upper and lower sheets, at least the upper sheet being flexible.

2. (Original) A fluidising mat as claimed in claim 1, wherein the passageways

are partially defined by one of the upper and lower sheets.

3. (Original) A fluidising mat as claimed in claim 2, wherein the plurality of

passageways define a continuous plenum chamber.

4. (Previously Presented) A fluidising mat as claimed in claim 2, wherein the

passageways are partially defined by the upper, gas-permeable sheet.

5. (Currently Amended) A fluidising mat as claimed in claim 1, wherein the

upper sheet comprises a plurality of perforations, [[e.g.]] including microperforations.

6. (Previously Presented) A fluidising mat as claimed in claim 1, wherein a

plurality of the load bearing means are secured to at least one of the upper and lower sheets.

7. (Previously Presented) A fluidising mat as claimed in claim 1, wherein each

of the load bearing means is secured to, or forms an integral part of, at least one of the upper

and/or lower sheets.

-2-

S/N: 10/564,489

Reply to Office Action of December 13, 2007

8. (Original) A fluidising mat as claimed in claim 7, wherein the load bearing means is secured only to the lower sheet.

- 9. (Previously Presented) A fluidising mat as claimed in claim 7, wherein the load bearing means is secured or bonded to both the upper and lower sheets.
- 10. (Previously Presented) A fluidising mat as claimed in claim 1, wherein the load bearing means are flexible and/or resiliently deformable.
- 11. (Currently Amended) A fluidising mat as claimed in claim 1, wherein at least some of the load bearing means comprise an comprises a plurality of spaced-apart encapsulated gas bubbles.
- 12. (Original) A fluidising mat as claimed in claim 11, further comprising an intermediate sheet positioned between said upper and lower sheets, which encapsulates said gas bubbles.
- 13. (Original) A fluidising mat as claimed in claim 12, wherein the lower sheet partially encapsulates said gas bubbles.
- 14. (Previously Presented) A fluidising mat as claimed in claim 12, wherein the lower sheet and the intermediate sheet are formed integrally.
- 15. (Currently Amended) A fluidising mat as claimed in claim 1, wherein the load bearing means comprises one or more of a medium selected from the group consisting of a bonded fibre structure, a foam, a sintered polymeric structure, foam beads or a three-dimensional structure formed from superimposed layers of net-like structures, and combinations thereof.
- 16. (Previously Presented) A fluidising mat as claimed in claim 1, wherein the perforated upper layer comprises an anti-static and/or electrically conductive material.

S/N: 10/564,489

Reply to Office Action of December 13, 2007

17. (Currently Amended) A fluidising mat as claimed in claim 1, wherein at least one of the upper and lower sheets sheet is flexible.

- 18. (Currently Amended) A fluidising mat as claimed in claim [[17]] 1, wherein both of the upper and lower sheets are flexible.
- 19. (Previously Presented) A fluidising mat as claimed in claim 1, further comprising a single point connection for connecting the fluidising mat to a source of pressurized air or gas.
- 20. (Original) A fluidising mat as claimed in claim 19, wherein the single point connection is located in the perimeter of the fluidising mat.
- 21. (Original) A fluidising mat as claimed in claim 20, wherein the single point connection is positioned on the mat such that, in use, it is adjacent to the discharge end of a container to which the mat is fitted.
- 22. (Currently Amended) A container liner comprising a fluidising mat as claimed in claim 1, wherein the fluidising mat comprises part of the container liner and, that includes an upper, gas-permeable sheet and a lower gas impermeable sheet, the upper and lower sheets being maintained in spaced apart superimposed relationship by a plurality of spaced-apart load bearing means which define a plurality of passageways that extend in different directions over substantially the full area of the fluidizing mat and intersect with each other to form a single continuous chamber between the upper and lower sheets the perforated upper sheet forms forming at least a part of the floor of the container liner.
- 23. (Original) A container liner as claimed in claim 22, further comprising retaining means for retaining the mat within the liner and for preventing discharge of the mat when the container is tipped.

S/N: 10/564,489

Reply to Office Action of December 13, 2007

24. (Previously Presented) A container liner as claimed in claim 22, wherein the fluidising mat is situated at least in the region of the liner immediately adjacent to a discharge port or ports.

25. (Currently Amended) A container comprising a fluidizing mat, that includes an upper, gas-permeable sheet and a lower gas impermeable sheet, the upper and lower sheets being maintained in spaced apart superimposed relationship by a plurality of spaced-apart load bearing means, which define a plurality of passageways that extend in different directions over substantially the full area of the fluidizing mat and intersect with each other to form a single continuous chamber between the upper and lower sheets as claimed in claim 1.

26. (Currently Amended) A container comprising a container liner as claimed in claim [[21]] 25, further including a container liner.